

IN THE SPECIFICATION

Please amend the paragraphs on page 48, line 1, through page 53, line 21, of the specification as follows:

FIG.1

10 — CDMA TRANSMISSION APPARATUS

11 — SPREADING CODE GENERATION

12 — MAPPING

TRANSMISSION DATA

14 — SYMBOL COPY

15 — MULTIPLICATION

16 — FILTER

17 — QUADRATURE MODULATION

FIG.2

20 — CDMA RECEPTION APPARATUS

21 — SPREADING CODE GENERATION

23 — QUADRATURE DEMODULATION

24 — FILTER

26 — MULTIPLICATION

27 — INTER-SYMBOL ADDITION

28 — DEMAPPING

RECEPTION DATA

FIG.3

100 SPREADING CODE GENERATING APPARATUS
101 CALCULATION
102 $e^{j(2\pi/N)}$ CODE LENGTH SETTING
103 CODE NUMBER SETTING
104 CHIP NUMBER SETTING
105 $n=a \times b$ CALCULATION

FIG.4

ST0 START
ST1 SET CODE LENGTH N (ARBITRARY NATURAL NUMBER)
ST2 CODE NUMBER
ST3 CHIP NUMBER
ST5 CALCULATE $C(a,b) = e^{j(2\pi/N)}$
ST6 OUTPUT C(a,b)
END

FIG.5

200 CDMA TRANSMISSION APPARATUS
201 SPREADING CODE GENERATION
202 MAPPING
TRANSMISSION DATA

204 — SYMBOL COPY
205 — MULTIPLICATION
206 — FILTER
207 — QUADRATURE MODULATION

FIG.6

300 — CDMA RECEPTION APPARATUS
301 — SPREADING CODE GENERATION
303 — QUADRATURE DEMODULATION
304 — FILTER
306 — MULTIPLICATION
307 — INTER-SYMBOL ADDITION
308 — DEMAPPING
RECEPTION DATA

FIG.7A—FIG.7C

SPREADING CODE

FIG.9

400 — SPREADING CODE GENERATING APPARATUS
401 — $e^{j(2f(n)\pi/N)}$ CALCULATION
402 — CODE LENGTH SETTING

103 — CODE NUMBER SETTING

104 — CHIP NUMBER SETTING

105 — $n=a \times b$ CALCULATION

FIG.10

500 — CDMA TRANSMISSION APPARATUS

501 — SPREADING CODE GENERATION

202 — MAPPING

TRANSMISSION DATA

204 — SYMBOL COPY

205 — MULTIPLICATION

206 — FILTER

207 — QUADRATURE MODULATION

FIG.11

600 — CDMA RECEPTION APPARATUS

601 — SPREADING CODE GENERATION

303 — QUADRATURE DEMODULATION

304 — FILTER

306 — MULTIPLICATION

307 — INTER-SYMBOL ADDITION

308 — DEMAPPING

~~RECEPTION DATA~~

FIG.12

700 CDMA TRANSMISSION APPARATUS
701 SCRAMBLING CODE GENERATION
702 MULTIPLICATION
501 SPREADING CODE GENERATION
202 MAPPING
~~TRANSMISSION DATA~~
204 SYMBOL COPY
205 MULTIPLICATION
206 FILTER
207 QUADRATURE MODULATION

FIG.13

800 CDMA RECEPTION APPARATUS
801 SCRAMBLING CODE GENERATION
802 MULTIPLICATION
601 SPREADING CODE GENERATION
303 QUADRATURE DEMODULATION
304 FILTER
306 MULTIPLICATION

307 — INTER-SYMBOL ADDITION

308 — DEMAPPING

RECEPTION DATA

FIG.14

3-factor SPREADING

6-factor SPREADING

9-factor SPREADING

12-factor SPREADING

15-factor SPREADING

18-factor SPREADING

FIG.15

900 — CDMA TRANSMISSION APPARATUS

TRANSMISSION DATA #1

202A — MAPPING #1

206 — FILTER

207 — QUADRATURE MODULATION

FIG.16

1000 — CDMA RECEPTION APPARATUS

303 — QUADRATURE DEMODULATION

304 FILTER
308a DEMAPPING #1
RECEPTION DATA #1

FIG.17

1100 CDMA RECEPTION APPARATUS
15-factor SPREADING
9-factor SPREADING
3-factor SPREADING
TRANSMISSION DATA #1
202 MAPPING #1
1101 FIVE POINT IDFT
1102 1103 THREE POINT IDFT
206 FILTER
207 QUADRATURE MODULATION

FIG.18

1200 CDMA RECEPTION APPARATUS
1201 1203 THREE POINT DFT
1202 FIVE POINT DFT
303 QUADRATURE DEMODULATION
304 FILTER

308—DEMAPPING #1

RECEPTION DATA #1

15-factor SPREADING

9-factor SPREADING

3-factor SPREADING